



From the desk of...

Engineer Assist™ Online: *a machinery management tool to help you increase profitability*



by Roger Harker
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In today's competitive economy, you are constantly called upon to make rapid decisions about your machinery that impact profitability. You must keep your processes up and running efficiently, while extending the life of your machinery and reducing maintenance costs. When critical machinery shows signs of distress, operating decisions become complex. You must quickly decide not only what to do, but how to do it, in order to maximize overall profitability. This requires rapid access to **actionable** information. Our Engineer Assist expert system converts vast amounts of machine data to the actionable information you need to profitably manage your machinery.

Engineer Assist is a key component of Bently Nevada's machinery management system. It is designed to enhance

and **support** your decision-making process by reducing the time required to reach a quality diagnosis of a machinery problem. Engineer Assist is like having a full time machinery engineer tirelessly reviewing machinery data 24 hours a day, 7 days a week, 365 days a year. The resulting actionable information helps you achieve your objectives for:

- *Increased safety* - detecting many machinery malfunctions that could compromise a safe operating environment.
- *Improved availability and mechanical integrity* - maintaining your process without unknowingly doing damage to your machinery.
- *Reduced maintenance costs* - knowing what needs attention and what is operating normally when planning outages.

We first introduced Engineer Assist in 1990. Since that time, Engineer Assist has been used successfully around the world helping users like yourself make better business decisions. We continue to enhance and upgrade Engineer Assist. We are proud of the value the product is providing. It has allowed us to provide you with a more effective way to use our extensive machinery diagnostics expertise. We encourage you to use it to help you maximize your profitability. ■

Editor's Note:

*This issue of the **Orbit** is dedicated to machinery management. Our cover story appears on page 10. This case history describes how a major Australian power generation company integrated Engineer Assist into their innovative **Condition Dependent Maintenance** program.*

Another article, beginning on page 16, explains the paradigm shift occurring in machinery management, and how Engineer Assist helps facilitate this change. It also describes how a chemical company used Engineer Assist to quickly identify a problem on a large, extremely critical machine. A detailed description of Engineer Assist Online and its benefits is on page 19. A chart on page 20 compares Engineer Assist Online with other machinery diagnostic expert systems. Additional information is available from your Bently Nevada representative, who can discuss how our automated systems can help you operate your facility more profitably.